What Is Claimed Is:

1   1.   A method for configuring a database, comprising:

2   requesting database configuration information from a directory server that

3   stores configuration information for a plurality of database instances;

4   in response to the request, receiving the database configuration

5   information from the directory server; and

6   automatically configuring the database with the database configuration

7   information received from the directory server;

8   whereby the database server can be installed without manual configuration

9   by a user.

1   2.   The method of claim 1, wherein the database is structured as a

2   database server, and wherein the database configuration information includes

3   service-related settings for the database server.

1   3.   The method of claim 1, wherein the database configuration option

2   can include:

3   an audit trail;

4   a security model;

5   a security protocol parameter;

6   a maximum sessions parameter;

7   a database block size;

8   an optimization mode parameter; and

9   an OLAP features parameter.

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1   4.   The method of claim 1, wherein the configuration information can

2   include an Access Control List (ACL), wherein the ACL lists objects and services

3   available on the database server and which hosts have permissions to use the

4   objects and the services.

1   5.   The method of claim 1, wherein the directory server is Highly

2   Available (HA).

1   6.   The method of claim 1, further comprising caching a local copy of

2   the configuration information to facilitate configuration of the database when the

3   database cannot connect to the directory server.

1   7.   The method of claim 1, further comprising:

2   receiving a request for resources at the database from a user;

3   determining if the user is an enterprise user;

4   if so, querying the directory server for a user profile associated with the

5   user;

6   receiving the user profile from the directory server; and

7   allocating resources to the user based on parameters specified in the user

8   profile.

1   8.   The method of claim 7, wherein the user profile can include:

2   a CPU quota for the user;

3   a disk quota for the user;

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4   a scheduling priority for the user; and

5   a read/write/execute permission for the user.

1   9.   The method of claim 1, wherein the database configuration

2   information can define a Security Admin (SA) role for the database.

1   10.   The method of claim 1, wherein the database server periodically

2   queries the directory server for updated database configuration information for the

3   database.

1   11.   A computer-readable storage medium storing instructions that

2   when executed by a computer cause the computer to perform a method for

3   configuring a database, the method comprising:

4   requesting database configuration information from a directory server that

5   stores configuration information for a plurality of database instances;

6   in response to the request, receiving the database configuration

7   information from the directory server; and

8   automatically configuring the database with the database configuration

9   information received from the directory server;

10   whereby the database server can be installed without manual configuration

11   by a user.

1   12.   The computer-readable storage medium of claim 11, wherein the

2   database is structured as a database server, and wherein the database configuration

3   information includes service-related settings for the database server.

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1   13.   The computer-readable storage medium of claim 11, wherein the

2 database configuration option can include:

3   an audit trail;

4   a security model;

5   a security protocol parameter;

6   a maximum sessions parameter;

7   a database block size;

8   an optimization mode parameter; and

9   an OLAP features parameter.

1   14.   The computer-readable storage medium of claim 11, wherein the

2 configuration information can include an Access Control List (ACL), wherein the

3 ACL lists objects and services available on the database server and which hosts

4 have permissions to use the objects and the services.

1   15.   The computer-readable storage medium of claim 11, wherein the

2 directory server is Highly Available (HA).

1   16.   The computer-readable storage medium of claim 11, wherein the

2 method further comprises caching a local copy of the configuration information to

3 facilitate configuration of the database when the database cannot connect to the

4 directory server.

1   17.   The computer-readable storage medium of claim 11, wherein the

2   method further comprises:

3   receiving a request for resources at the database from a user;

4   determining if the user is an enterprise user;

5   if so, querying the directory server for a user profile associated with the

6   user;

7   receiving the user profile from the directory server; and

8   allocating resources to the user based on parameters specified in the user

9   profile.

1   18.   The computer-readable storage medium of claim 17, wherein the

2   user profile can include:

3   a CPU quota for the user;

4   a disk quota for the user;

5   a scheduling priority for the user; and

6   a read/write/execute permission for the user.

1   19.   The computer-readable storage medium of claim 11, wherein the

2   database configuration information can define a Security Admin (SA) role for the

3   database.

1   20.   The computer-readable storage medium of claim 11, wherein the

2   database server periodically queries the directory server for updated database

3   configuration information for the database.

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1   21.   An apparatus for configuring a database, comprising:

2   a request mechanism configured to request database configuration

3   information from a directory server that stores configuration information for a

4   plurality of database instances;

5   a receiving mechanism configured to receive the database configuration

6   information from the directory server in response to the request; and

7   a configuration mechanism configured to automatically configure the

8   database with the database configuration information received from the directory

9   server.

1   22.   The apparatus of claim 21, wherein the database is structured as a

2   database server, and wherein the database configuration information includes

3   service-related settings for the database server.

1   23.   The apparatus of claim 21, wherein the database configuration

2   option can include:

3   an audit trail;

4   a security model;

5   a security protocol parameter;

6   a maximum sessions parameter;

7   a database block size;

8   an optimization mode parameter; and

9   an OLAP features parameter.

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1   24.   The apparatus of claim 21, wherein the configuration information

2   can include an Access Control List (ACL), wherein the ACL lists objects and

3   services available on the database server and which hosts have permissions to use

4   the objects and the services.

1   25.   The apparatus of claim 21, wherein the directory server is Highly

2   Available (HA).

1   26.   The apparatus of claim 21, further comprising a caching

2   mechanism configured to cache a local copy of the configuration information to

3   facilitate configuration of the database when the database cannot connect to the

4   directory server.

1   27.   The apparatus of claim 21, further comprising:

2   a second receiving mechanism configured to receive a request for

3   resources at the database from a user;

4   a determination mechanism configured to determine if the user is an

5   enterprise user;

6   a querying mechanism configured to query the directory server for a user

7   profile associated with the user if the user is an enterprise user;

8   a profile mechanism configured to receive the user profile from the

9   directory server; and

10   an allocation mechanism configured to allocate resources to the user based

11   on parameters specified in the user profile.

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1   28.   The apparatus of claim 27, wherein the user profile can include:

2   a CPU quota for the user;

3   a disk quota for the user;

4   a scheduling priority for the user; and

5   a read/write/execute permission for the user.

1   29.   The apparatus of claim 21, wherein the database configuration

2   information can define a Security Admin (SA) role for the database.

1   30.   The apparatus of claim 21, wherein the database server periodically

2   queries the directory server for updated database configuration information for the

3   database.

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